What is claimed is:

1. A method of creating an ad-hoc connection between at
    least two electronic devices for enabling an
5   interaction between said at least two electronic
    devices, said method comprising at a first one of
    said electronic devices:
        detecting a hugging state between said first
    electronic device and a second one of said electronic
10 devices, a hugging state being assumed to be given if
    said first electronic device and said second
    electronic device are at least in close vicinity to
    each other and a piece of information is received by
    said first electronic device directly from said
15 second electronic device;
        in case a hugging state is detected, obtaining a
    handle proceeding from said received piece of
    information, said handle comprising at least an
    address of at least one other of said at least two
20 electronic devices than said first electronic device;
    and
        establishing a communication channel between said
    first electronic device and said at least one other
    of said electronic devices using said address
25 included in said handle.

2. The method according to claim 1, wherein detecting
    said hugging state requires at least one of detecting
    a physical touch between said first electronic device
30 and said second electronic device, detecting a short
    distance between said first electronic device and
    said second electronic device and detecting a
    pointing of one of said first electronic device and
    said second electronic device to the respective other

one of said first electronic device and said second electronic device.

3. The method according to claim 1, wherein detecting said hugging state requires receiving a content of a radio frequency identification tag of said at least one other of said electronic devices as said piece of information from said second electronic device.

4. The method according to claim 3, wherein said first device obtains said handle by retrieving a stored address which is mapped to a received radio frequency identification.

5. The method according to claim 1, wherein said received piece of information comprises an address of said at least one other of said electronic devices and wherein said first device obtains said handle by using said address at least as part of said handle.

6. The method according to claim 1, wherein said first device obtains said handle by exchanging further pieces of information with said second device.

7. The method according to claim 1, wherein said handle comprises further information for at least one of establishing said communication channel and using an established communication channel.

8. The method according to claim 1, wherein said communication channel is set up according to one of predefined user preferences and a user input.

9. The method according to claim 1, further comprising monitoring conditions on said established communication channel and updating said communication channel in case said conditions are detected to be worse than predetermined conditions.

10. The method according to claim 1, wherein said communication channel uses one of a direct link between said first electronic device and said at least one other of said electronic devices and an indirect link between said first electronic device and said at least one other of said electronic devices.

11. The method according to claim 1, wherein said communication channel uses a link between said first electronic device and said at least one other of said electronic devices enabling an interaction via said communication channel over any distance, at least as soon as said first electronic device and said at least one other of said electronic devices reach a distance to each other which does not permit a use of another type of link for an interaction via said communication channel.

12. The method according to claim 1, further comprising performing a security operation for determining at least one of whether said communication channel is allowed to be established between said first electronic device and said at least one other of said electronic devices and whether said communication channel is allowed to be used for a specific data transmission.

13. The method according to claim 1, further comprising preventing the existence of parallel communication channels created by said at least one other of said electronic devices and said first electronic device.

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14. The method according to claim 1, further comprising notifying at least one application in at least one of said first electronic device and said at least one other of said electronic devices about said

10   communication channel.

15. The method according to claim 14, wherein a notified application starts an automatic interaction via said communication channel with another application.

15

16. The method according to claim 14, wherein said at least one application is an application currently used by a user of said first electronic device or of said at least one other of said electronic devices.

20

17. The method according to claim 1, further comprising invoking at least one application or at least one function of at least one application in at least one of said first electronic device and said at least one

25   other of said electronic devices, in order to enable said at least one invoked application or at least one invoked function to interact via said communication channel with another application.

30 18. The method according to claim 1, wherein establishing said communication channel is followed by a context dependent interaction via said communication channel with said at least one other of said electronic devices.

19. The method according to claim 1, wherein at least one of a copy-and-paste functionality, a cut-and-paste functionality and a drag-and-drop functionality in

5   said first device makes use of said established communication channel for interacting with said at least one other of said electronic devices.

20. The method according to claim 1, wherein said first

10   electronic device receives from said second electronic device during a hugging state in addition to said piece of information an application specific information.

15   21. The method according to claim 1, wherein said at least one other of said electronic devices via the established communication channel an application specific information.

20   22. The method according to claim 1, further comprising determining a direction in which data is allowed to be transmitted via said established communication channel between applications of said first device and of said at least one other of said electronic

25   devices.

23. The method according to claim 1, further comprising measuring external influences to said first electronic device by means of at least one sensor,

30   and adapting the behavior of an application of said first electronic device to results of said measurements.

24. The method according to claim 1, further comprising selecting a suitable data format for data which is to be transmitted via said communication channel.

5   25. The method according to claim 1, further comprising terminating said established communication channel in case of at least one of a predetermined period during which said communication channel is not used for some interaction between said first electronic device and

10   said at least one other of said electronic devices, an application using said communication channel causes said communication channel to be terminated, and a hugging state is detected for a second time.

15   26. The method according to claim 1, wherein said at least one other of said electronic devices comprises said second electronic device.

27. The method according to claim 1, wherein said at

20   least one other of said electronic devices is different from said second electronic device.

28. An electronic device comprising:
        a touch detection portion, which touch detection

25   portion is adapted to detect a hugging state between said electronic device and a further electronic device, a hugging state being assumed to be given if said electronic device and said further electronic device are at least in close vicinity to each other

30   and a piece of information is received by said electronic device directly from said further electronic device, and which touch detection portion is adapted to obtain a handle proceeding from a piece of information received from a further electronic

device in case a hugging state is detected, said
handle comprising at least an address belonging to at
least one electronic device other than said
electronic device; and

5   a link creation portion which is adapted to
establish a communication channel to at least one
other electronic device using an address included in
a handle provided by said touch detection portion for
enabling an interaction with said at least one other
10   electronic device.

29. The electronic device according to claim 28, wherein
said touch detection portion and said link creation
portion are integrated into an expandable framework
15   including an additional control portion, wherein said
touch detection portion and said link creation
portion are connected to said additional control
portion, wherein said additional control portion is
adapted to be supplemented by functional blocks
20   supporting a respective service, and wherein said
additional control portion comprises at least one
interface for enabling an input to functional blocks
added to said additional control portion.

25 30. Expandable framework for an electronic device, said
expandable framework comprising a touch detection
portion, a link creation portion and an additional
control portion,
        wherein said touch detection portion is adapted
30   to detect a hugging state between said electronic
device and a further electronic device, a hugging
state being assumed to be given if said electronic
device and said further electronic device are at
least in close vicinity to each other and a piece of

information is received by said electronic device
directly from said further electronic device, and
which touch detection portion is adapted to obtain a
handle proceeding from a piece of information
5   received from a further electronic device in case a
hugging state is detected, said handle comprising at
least an address belonging to at least one electronic
device other than said electronic device;

        wherein said link creation portion is adapted to
10   establish a communication channel to at least one
other electronic device using an address included in
a handle provided by said touch detection portion for
enabling an interaction with said at least one other
electronic device;

15   wherein said touch detection portion and said
link creation portion are connected to said
additional control portion; and

        wherein said additional control portion is
adapted to be supplemented by functional blocks
20   supporting a respective service, and comprises at
least one interface for enabling an input to
functional blocks added to said additional control
portion.

25 31. A software program product in which a software code
        for creating an ad-hoc connection between at least
        two electronic devices for enabling an interaction
        between said at least two electronic devices is
        stored, said software code realizing the following
30   steps when running in a first one of said electrical
        devices:

        detecting a hugging state between said first
electronic device and a second one of said electronic
devices, a hugging state being assumed to be given if

said first electronic device and said second
electronic device are at least in close vicinity to
each other and a piece of information is received by
said first electronic device directly from said

5   second electronic device;

in case a hugging state is detected, obtaining a
handle proceeding from said received piece of
information, said handle comprising at least an
address of at least one other of said at least two

10   electronic devices than said first electronic device;
and

establishing a communication channel between said
first electronic device and said at least one other
of said electronic devices using said address

15   included in said handle.

32. A method of creating an ad-hoc connection between at
least two electronic devices for enabling an
interaction between said at least two electronic

20   devices, said method comprising at a first one of
said electronic devices:

detecting a hugging state between said first
electronic device and a second one of said electronic
devices, a hugging state being assumed to be given if

25   said first electronic device and said second
electronic device are at least in close vicinity to
each other and a piece of information is received by
said first electronic device directly from said
second electronic device;

30   in case a hugging state is detected, obtaining a
handle proceeding from said received piece of
information, said handle comprising at least an
address of at least one other of said at least two
electronic devices than said first electronic device;

establishing a communication channel between said first electronic device and said at least one other of said electronic devices using said address included in said handle; and

5 causing a context dependent interaction between said first electronic device and said at least one other of said electronic devices.

33. The method according to claim 32, wherein detecting
10 said hugging state requires at least one of detecting a physical touch between said first electronic device and said second electronic device, detecting a short distance between said first electronic device and said second electronic device and detecting a
15 pointing of one of said first electronic device and said second electronic device to the respective other one of said first electronic device and said second electronic device.

20 34. The method according to claim 32, wherein detecting said hugging state requires receiving a radio frequency identification tag associated to said at least one other of said electronic devices as said piece of information from said second electronic
25 device.

35. The method according to claim 34, wherein said first device obtains said handle by retrieving a stored address which is mapped to a received radio frequency
30 identification.

36. The method according to claim 32, wherein said received piece of information comprises an address of said at least one other of said electronic devices

and wherein said first device obtains said handle by using said address at least as part of said handle.

37. The method according to claim 32, wherein said first device obtains said handle by exchanging further pieces of information with said second device.

38. The method according to claim 32, wherein said handle comprises further information for at least one of establishing said communication channel and using an established communication channel.

39. The method according to claim 32, wherein said communication channel is set up according to one of predefined user preferences and a user input.

40. The method according to claim 32, further comprising monitoring conditions on said established communication channel and updating said communication channel in case said conditions are detected to be worse than predetermined conditions.

41. The method according to claim 32, wherein said communication channel uses one of a direct link between said first electronic device and said at least one other of said electronic devices and an indirect link between said first electronic device and said at least one other of said electronic devices.

42. The method according to claim 32, wherein said communication channel uses a link between said first electronic device and said at least one other of said electronic devices enabling an interaction via said

communication channel over any distance, at least as soon as said first electronic device and said at least one other of said electronic devices reach a distance to each other which does not permit a use of

5   another type of link for an interaction via said communication channel.

43. The method according to claim 32, further comprising performing a security operation for determining at

10   least one of whether said communication channel is allowed to be established between said first electronic device and said at least one other of said electronic devices and whether said communication channel is allowed to be used for a specific data

15   transmission.

44. The method according to claim 32, further comprising preventing the existence of parallel communication channels created by said at least one other of said

20   electronic devices and said first electronic device.

45. The method according to claim 32, further comprising notifying at least one application in at least one of said first electronic device and said at least one

25   other of said electronic devices about said communication channel.

46. The method according to claim 45, wherein a notified application starts an automatic interaction via said

30   communication channel with another application.

47. The method according to claim 45, wherein said at least one application is an application currently

used by a user of said first electronic device or of said at least one other of said electronic devices.

48. The method according to claim 32, further comprising invoking at least one application or at least one function of at least one application in at least one of said first electronic device and said at least one other of said electronic devices, in order to enable said at least one invoked application or at least one invoked function to interact via said communication channel with another application.

49. The method according to claim 32, wherein at least one of a copy-and-paste functionality, a cut-and-paste functionality and a drag-and-drop functionality in said first device makes use of said established communication channel for interacting with said at least one other of said electronic devices.

50. The method according to claim 32, wherein said first electronic device receives from said second electronic device during a hugging state in addition to said piece of information an application specific information.

51. The method according to claim 32, wherein said at least one other of said electronic devices via the established communication channel an application specific information.

52. The method according to claim 32, further comprising determining a direction in which data is allowed to be transmitted via said established communication channel between applications of said first device and

of said at least one other of said electronic
devices.

53. The method according to claim 32, further comprising
5   measuring external influences to said first
       electronic device by means of at least one sensor,
       and adapting the behavior of an application of said
       first electronic device to results of said
       measurements.
10

54. The method according to claim 32, further comprising
       selecting a suitable data format for data which is to
       be transmitted via said communication channel.

15 55. The method according to claim 32, further comprising
       terminating said established communication channel in
       case of at least one of a predetermined period during
       which said communication channel is not used for some
       interaction between said first electronic device and
20   said at least one other of said electronic devices,
       an application using said communication channel
       causes said communication channel to be terminated,
       and a hugging state is detected for a second time.

25 56. The method according to claim 32, wherein said at
       least one other of said electronic devices comprises
       said second electronic device.

    57. The method according to claim 32, wherein said at
30   least one other of said electronic devices is
       different from said second electronic device.

58. An electronic device comprising:

a touch detection portion, which touch detection portion is adapted to detect a hugging state between said electronic device and a further electronic

5   device, a hugging state being assumed to be given if said electronic device and said further electronic device are at least in close vicinity to each other and a piece of information is received by said electronic device directly from said further

10   electronic device, and which touch detection portion is adapted to obtain a handle proceeding from a piece of information received from a further electronic device in case a hugging state is detected, said handle comprising at least an address belonging to at

15   least one electronic device other than said electronic device;

a link creation portion which is adapted to establish a communication channel to at least one other electronic device using an address included in

20   a handle provided by said touch detection portion for enabling an interaction with said at least one other electronic device; and

a component which is adapted to cause a context dependent interaction of said electronic device with

25   at least one other electronic device using a communication channel established by said link creation portion.

59. The electronic device according to claim 58, wherein

30   said touch detection portion and said link creation portion are integrated into an expandable framework including an additional control portion, wherein said touch detection portion and said link creation portion are connected to said additional control

portion, wherein said additional control portion is adapted to be supplemented by functional blocks supporting a respective service, and wherein said additional control portion comprises at least one

5   interface for enabling an input to functional blocks added to said additional control portion.

60. Expandable framework for an electronic device, said expandable framework comprising a touch detection

10   portion, a link creation portion and an additional control portion,

wherein said touch detection portion is adapted to detect a hugging state between said electronic device and a further electronic device, a hugging

15   state being assumed to be given if said electronic device and said further electronic device are at least in close vicinity to each other and a piece of information is received by said electronic device directly from said further electronic device, and

20   which touch detection portion is adapted to obtain a handle proceeding from a piece of information received from a further electronic device in case a hugging state is detected, said handle comprising at least an address belonging to at least one electronic

25   device other than said electronic device;

wherein said link creation portion is adapted to establish a communication channel to at least one other electronic device using an address included in a handle provided by said touch detection portion for

30   enabling an interaction with said at least one other electronic device;

wherein said touch detection portion and said link creation portion are connected to said additional control portion; and

wherein said additional control portion is adapted to be supplemented by functional blocks supporting a respective service, and comprises at least one interface for enabling an input to

5   functional blocks added to said additional control portion, said additional control portion comprising at least one functional block adapted to cause a context dependent interaction of said electronic device with at least one other electronic device

10   using a communication channel established by said link creation portion.

61. A software program product in which a software code for creating an ad-hoc connection between at least

15   two electronic devices for enabling an interaction between said at least two electronic devices is stored, said software code realizing the following steps when running in a first one of said electrical devices:

20   detecting a hugging state between said first electronic device and a second one of said electronic devices, a hugging state being assumed to be given if said first electronic device and said second electronic device are at least in close vicinity to

25   each other and a piece of information is received by said first electronic device directly from said second electronic device;

          in case a hugging state is detected, obtaining a handle proceeding from said received piece of

30   information, said handle comprising at least an address of at least one other of said at least two electronic devices than said first electronic device;

          establishing a communication channel between said first electronic device and said at least one other

of said electronic devices using said address
included in said handle; and

causing a context dependent interaction between
said first electronic device and said at least one
5   other of said electronic devices.